

ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	Addition of 2.189 kg, 11.8 kg and 5.32 kg gives the rounded off answer as:	A. 19.398 B. 19.400 C. 19.4 D. 19.3
2	Physics details with the study of:	A. Matter B. Energy C. Both of them D. Human body
3	Physics is one of the branches of:	A. Social sciencesB. Physical sciencesC. Biological sciencesD. Abstract art
4	The branch of physics, which deals with the structure an properties of solids is called:	A. Plasma physicsB. Solid state physicsC. Any of aboveD. Astro physics
5	Dimension of mass is written as:	A. M B. [M] C. (M) D. [m]
6	Computer chips are made from	A. Conductors B. Semiconductors C. Insulators D. Both A and B
7	The body of physics involves	A. Structure of space and time B. Interaction of electromagnetic radiation with matter C. Both of them D. Chemical Changes
8	Which one is the least multiple	A. Pico B. Femto C. Nano D. Atto
9	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
10	1 gm-cm ⁻³ is equal to:	A. 10 ³ kg-m ^{- 3} B. 10 ⁻³ C. 1 kg-m ⁻³ D. 10 ⁶ kg-m ^{- 1}
11	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
12	Silicon can be obtained from:	A. Lead B. Uranium C. An isotope of oxygen D. Sand
13	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
14	If the absolute uncertainty of an instrument is 0.0a1 cm, then its least count will be :	A. 0.005 cm B. 0.01 cm C. 0.02 cm D. 0.001 cm

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15	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
16	Those quantities which can be measured accurately are known as	A. Physical Quantities B. Scalar Quantities C. Vector Quantities D. Non Physical Quantities
17	dimensions are the same for:	A. Work and energy B. Force and weight C. None of these D. Both a and b
18	The branch of physics which concerned with the ultimate particles of which the universe is composed is known as	A. SolidState physicsB. Particle PhysicsC. Nuclear PhysicsD. Atomic Physics
19	The maximum possible error in the reading of an instrument is its least count.	A. Half of B. Quarter of C. Equal to D. Double than
20	Total number of base units are	A. Three B. Five C. Seven D. Nine